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(54) Method of producing composite materials, stratiform composites and containers made therefrom

(57) A composite stratiform material (1) having at least three interfused layers and comprising:

(I) a carrier layer (10) formed of a mixture containing polypropylene and a particulate organic filler;
(II) a first outer layer (12) interfused with said carrier layer at a first interface (11) and consisting essentially of a mixture containing polypropylene and an inorganic filler;

and (III) a second outer layer (14) interfused with said carrier layer at a second interface (13) located opposite said first interface (11) and consisting essentially of a mixture containing polypropylene and an inorganic filler.

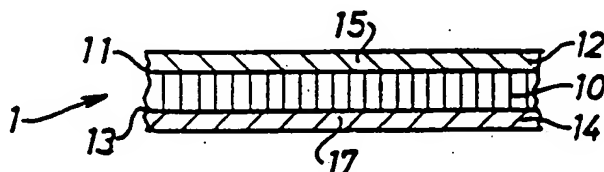


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 96 10 1547

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	PATENT ABSTRACTS OF JAPAN vol. 014, no. 046 (M-0926), 26 January 1990 & JP-A-01 275136 (MITSUI PETROCHEM IND LTD), 2 November 1989, * abstract *	5	B29C47/06 B29C51/14 B32B27/32 //B29K23:00, B29K105:06
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Y	EP-A-0 636 473 (ALKOR GMBH) 1 February 1995 * page 3, line 1 - page 4, line 36 * * page 6, line 39 - line 47; claims 1,6,13,14,18 *	1,2,5,10	
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Y	US-A-5 221 580 (AMORY DAVID ET AL) 22 June 1993 * column 4, line 40 - line 45 *	1,2,5,10	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 December 1996	Examiner Van Nieuwenhuize, O
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons * : member of the same patent family, corresponding document	

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EUROPEAN SEARCH REPORT

Application Number
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A	PE PLAST EUROPE, no. 1, 1 April 1993, MÜNCHEN DE, pages 48-52, XP000362618 KURRER H: "DIRECT EXTRUSION OF FILLED POLYOLEFINS" * page 49; figure 4 *	1-4	
D,A	EP-A-0 426 619 (ICMA IND COSTR MAC AFFINI) 8 May 1991 * claims 1,5; figures 1-6 *	1-4	
A	EP-A-0 165 093 (CLEXTRAL) * claim 1; figures 1,2 *	1-4	
A	EP-A-0 172 436 (ELASTOGRAN GMBH) 26 February 1986 * claim 1; example 2 *	1-4	
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A	DE-A-40 09 638 (HOECHST AG) 2 October 1991 * claims 1,6 *	1	
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